

Title (en)
System and method for maintaining a network connection

Title (de)
System und Verfahren zum Aufrechterhalten der Netzwerkverbindung

Title (fr)
Système et méthode pour maintenir une connexion de réseau

Publication
EP 1569404 B1 20070822 (EN)

Application
EP 04004280 A 20040225

Priority
EP 04004280 A 20040225

Abstract (en)
[origin: EP1569404A1] A system and method for maintaining a persistent connection is provided. In an embodiment, a system includes a client that connects to a web-server via physical link that is bandwidth-constrained. The physical link also includes at least one network address translation ("NAT") router that is configured to terminate idle connections between the client and the web-server. The client is configured to send keep-alive packets to the web-server in order to reduce the likelihood of the NAT router terminating the connection. The keep-alive packets are sent on a variable basis that is intended to reduce bandwidth consumption while ensuring that the NAT router does not deem the connection idle and terminate the connection. <IMAGE>

IPC 8 full level
H04L 29/06 (2006.01); **H04L 12/26** (2006.01)

CPC (source: EP)
H04L 9/40 (2022.05); **Y02D 30/70** (2020.08)

Cited by
WO2007083000A1; EP1928143A1; CN103906037A; US8094608B1; EP2137895A4; EP1982505A4; NO339641B1; EP2037717A1; AU2007237269B2; KR101011745B1; GB2477889A; GB2477889B; CN113726595A; US7961703B2; DE202008007225U1; WO2006136660A1; WO2008081075A1; US7774007B2; US8285200B2; US8045491B1; US8050276B1; US7460556B2; US7756155B2; US8005107B2; US8751669B2; US8792472B2; US9001746B2; WO2010059088A1; WO2009082296A1; WO2008062250A1; WO2009036097A1

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